L Number	Hits	Search Text	DB	Time stamp
1	2	"20020093923"	USPAT;	2004/09/02 08:00
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
2	1	"20020093923" and piconet	USPAT;	2004/09/02 08:53
	_		US-PGPUB;	
i			EPO; JPO;	
			DERWENT;	
			IBM TDB	
3	4	"20030114106" or "20030143952 "	USPAT;	2004/09/02 08:54
			US-PGPUB:	
			EPO; JPO;	
			DERWENT;	
l			IBM TDB	
-	349	717/173	USPAT;	2004/08/31 16:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	•
-	145	717/172	USPAT;	2004/08/31 16:02
			US-PGPUB;	
			EPO; JPO;	
		The second section of the section of the second section of the section of the second section of the section of the second section of the section of the second section of the section of	DERWENT:	
			IBM TDB	
_	434	717/168	USPAT;	2004/08/31 16:06
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
j -	775	(updat\$3 or download\$3) same bluetooth	USPĀT;	2004/08/31 16:40
			US-PGPUB;	
		·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_.	2	((updat\$3 or download\$3) same bluetooth) and ((determin\$3 or notify\$3	USPAT;	2004/08/31 16:20
		or command\$3) same plurality same (update or version) same (address	US-PGPUB;	. = .
		or location))	EPO; JPO;	
			DERWENT;	
İ			IBM_TDB	
-	7	((updat\$3 or download\$3) same bluetooth) and plurality same (update	USPAT;	2004/08/31 16:39
		or version) same (address or location)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	((updat\$3 or download\$3) same bluetooth) and plurality same (update	USPAT;	2004/08/31 16:39
		or version) same (address or location) and 717/.???	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	71	(updat\$3 or download\$3) near3 bluetooth	USPAT;	2004/08/31 17:23
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	859	handheld and ((api or interface) near3 (bluetooth or wireless or radio))	USPAT;	2004/08/31 17:26
		and ((api or interface) near3 (network or server)) and messag\$3 and	US-PGPUB;	
		(updat\$3 or version\$3 or download\$3)	EPO; JPO;	•
			DERWENT;	
			IBM_TDB	

-	31	handheld same ((api or interface) near3 (bluetooth or wireless or radio)) same ((api or interface) near3 (network or server)) and messag\$3 and (updat\$3 or version\$3 or download\$3)	USPAT; US-PGPUB; EPO; JPO;	2004/09/01 07:27
		(dpantas of versionas of downloadas)	DERWENT; IBM TDB	
-	690	((short-range or (short adj range)) adj radio) same (mobile or portable or	USPAT;	2004/09/01 15:11
		handheld) same (interoperability or interconnect or communicat\$4 or transmit\$3 or transmission)	US-PGPUB; EPO; JPO;	
		transmit(\$5 of transmission)	DERWENT;	
_	409	((short-range or (short adj range)) adj radio) same (mobile or portable or	IBM_TDB	2004/00/01 07 20
	403	handheld) same (interoperability or interconnect or communicat\$4 or	USPAT; US-PGPUB;	2004/09/01 07:30
		transmit\$3 or transmission) and (updat\$3 or download\$3 or version\$3)	EPO; JPO;	
			DERWENT; IBM_TDB	
-	200	((short-range or (short adj range)) adj radio) same (mobile or portable or	USPĀT;	2004/09/01 10:54
		handheld) same (interoperability or interconnect or communicat\$4 or transmit\$3 or transmission) and (updat\$3 or download\$3 or version\$3)	US-PGPUB; EPO; JPO;	
		and (network near3 (address or location or site or web))	DERWENT;	
_	29	(updat\$3 or download\$3 or retriev\$3) near3 (((short-range or (short adj	IBM_TDB USPAT;	2004/09/01 10:58
		range)) adj radio) or bluetooth) near3 (mobile or portable or handheld or	US-PGPUB;	
		device)	EPO; JPO; DERWENT;	
			IBM_TDB	
-	29	(updat\$3 or download\$3 or retriev\$3) near3 (((short-distance or (short adj distance) or short-range or (short adj range)) adj radio) or bluetooth)	USPAT; US-PGPUB;	2004/09/01 13:51
		near3 (mobile or portable or handheld or device)	EPO; JPO;	
			DERWENT; IBM_TDB	
-	2771	(selective or simultaneous or broadcast) near3 updat\$3	USPAT;	2004/09/01 13:52
			US-PGPUB; EPO; JPO;	
			DERWENT;	
-	954	(selective or simultaneous or broadcast) adj updat\$3	IBM_TDB USPAT;	2004/09/01 13:52
	772		US-PGPUB;	: :
			EPO; JPO; DERWENT;	
	20	(calcative or simultaneous as hard-set) 1' 1 (62 1717)000	IBM_TDB	
-	20	(selective or simultaneous or broadcast) adj updat\$3 and 717/???	USPAT; US-PGPUB;	2004/09/01 13:52
			EPO; JPO;	
			DERWENT; IBM TDB	
-	24	(selective\$2 or subset or sub-set) and (simultaneous\$2 or broadcast\$3 or multicast\$3) adj updat\$3 and 717/???	USPAT;	2004/09/01 14:04
		municasips) and updatas and /1/////	US-PGPUB; EPO; JPO;	
			DERWENT;	
	6	(selective\$2 or subset or sub-set) and (simultaneous\$2 or broadcast\$3 or	IBM_TDB USPAT;	2004/09/01 15:10
		multicast\$3) adj updat\$3 and (717/16? or 717/17?)	US-PGPUB;	
			EPO; JPO; DERWENT;	
		((short range on (short adjust est)) adjust 1)	IBM_TDB	2004/00/01 17:17
_	'	((short-range or (short adj range)) adj radio) same (mobile or portable or handheld or wireless) same (docking adj station)	USPAT; US-PGPUB;	2004/09/01 15:12
			EPO; JPO;	
			DERWENT; IBM_TDB	
-	3	((short-range or (short adj range)) adj radio) same (docking adj station)	USPAT;	2004/09/01 15:13
			US-PGPUB; EPO; JPO;	
			DERWENT;	
L			IBM_TDB	

- 145 (short-range or (short adj range)) adj radio) same (updat\$3 near5 (web or url)) - 145 717/172		T
- 145 (short-range or (short adj range)) adj radio) same (updat\$3 near5 (web or ur)) - 145 (short-range or (short adj range)) adj radio) same (updat\$3 near5 (web or ur)) - 145 717/172	near5 (web or url)	USPAT; 2004/09/01 15:14
- 145 (short-range or (short adj range)) adj radio) same (updat\$3 near5 (web or url)) - 145 717/172 USP-GPUB, EPO; JPO; DERWENT; IBM TDB USPAT; USP-GPUB,		
- 145 ((short-range or (short adj range)) adj radio) same (updat\$3 ncar5 (web or url)) - 145 ((short-range or (short adj range)) adj radio) same (updat\$3 ncar5 (web or url)) - 145 (717/172		
Cyphone Cyph		· ·
or uril) Or uril (uril down or (pull adj down)) Or uril down or (pull adj down) Or (pull down) Or (pull down) Or (pull down) Or (pull adj down)) Or uril down or (pull adj down) Or (pull adj down)) Or uril down or (pull adj down) Or (pull down or (pull adj down) Or (pull adj down)) Or uril down or (pull adj down) Or (pull adj down)) Or uril down or (pull adj down) Or (pull ad	(1-4005	, = 1
- 145 717/172	same (updat\$3 near5	1 1
- 145 717/172 717/172 and (pull-down or (pull adj down)) - 7 7 717/172 and (pull-down or (pull adj down)) - 1072 (pull-down or (pull adj down)) near5 (software or update or up-date or upgrade or code or application or download or new) - 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or adjoor rf) - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or adjoor rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or adjoor rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or adjoor rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down) (pull-down) (pu		
- 145 717/172 145 717/172 146 717/172 147 717/172 and (pull-down or (pull adj down)) 157 717/172 and (pull-down or (pull adj down)) 167 168 177 177/172 and (pull-down or (pull adj down)) 177 177/172 and (pull-down or (pull adj down)) 177 177/172 and (pull-down or (pull adj down)) 177 177/172 and (pull-down or (pull adj down)) 177 180 180 180 180 180 180 180 180 180 180		
- 145 717/172 USPAT; US-PGPUB; EPO; IPO; DERWENT; IBM_TDB US-PGPUB; EPO; IPO; DERWENT; I	•	1 1
- 1072 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 1072 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or-radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) NOT ((pull-down or (pull adj do		1 — 1
- 1072 - 1072 - 1072 - 1072 - 1072 - 1072 - 1072 - 1072 - 1074 - 1075 - 1075 - 1075 - 1075 - 1076 - 1076 - 1077 - 1076 - 1077 -		1
- 1072 (pull-down or (pull adj down)) near5 (software or update or up-date or upgrade or code or application or download or new) - 1072 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 136 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or-radio or rf) - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or-radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or update or update or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or update or update or update or upgrade or code or application or download o		
- 1072 (pull-down or (pull adj down)) near5 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or adio or rf) - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or adio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (s		
- 1072 (pull-down or (pull adj down)) near5 (software or update or up-date or upgrade or code or application or download or new) - 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pu		1
- 1072 (pull-down or (pull adj down)) near5 (software or update or up-date or upgrade or code or application or download or new) - 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) N		
- 1072 (pull-down or (pull adj down)) near3 (software or update or up-date o		
- 1072 (pull-down or (pull adj down)) near5 (software or update or up-date or upgrade or code or application or download or new) - 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 120 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or radio or rf) - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or		
1072 (pull-down or (pull adj down)) near5 (software or update or up-date or upgrade or code or application or download or new) USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPAT; USPAT; USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; U		
- 1072 (pull-down or (pull adj down)) near5 (software or update or up-date or upgrade or code or application or download or new) - 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or-adio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pul		
upgrade or code or application or download or new) - 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or-adio or f) - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or-adio or f) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or f) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) NOT ((pull-down or upgrade or code or application or download or new) NOT (upgrade or upgrade or code or application or download or new) NO	ora or undata an 4.	. –
- 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or radio or rf) - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgra		
- 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or radio or rf) - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or opplication or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or opplication or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or opplication or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or opplication or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or opplication or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or opplication or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or opplication or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or opplication or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pu	or new)	
- 654 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) - 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or—radio or rf) - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or—radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or upgrade or code or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or upgrade or code or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or upgrade or code or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or upgrade or code or upgrade or code or appli		
- 654 (pull-down or (pull adj down)) near3 (software or update or up-date or		
upgrade or code or application or download or new) US-PGPUB; EPO; IPO; DERWENT; IBM_TDB USPAT; US-PGPUB; IPO; IPO; DERWENT; IBM_TDB USPAT; US-PGPUB; IPO; IPO; DERWENT; IPO; IPO; IPO; DERWENT; IPO; IPO; IPO; IPO; IPO; IPO; IPO; IPO	are or undate or un di	
- 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or—radio or rf) - 9 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application o		
- 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or—radio or rf) - 9 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or co	or new)	
- 135 (pull-down or (pull adj down)) near3 (software or update or up-date or		
- 135 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and wireless - 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or upgrade or code or application or download or new) and (wireless-or upgrade or code or application or download or new) same (wireless or radio or rf) - 9 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) - 45 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or		-
upgrade or code or application or download or new) and wireless US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; Us-PGPUB; radio or rf) 220 (pull-down or (pull adj down)) near3 (software or update or up-date or up-grade or code or application or download or new) and (wireless-or—oupgrade or code or application or download or new) same (wireless or radio or rf) 246 (pull-down or (pull adj down)) near3 (software or update or up-date or up-grade or code or application or download or new) same (wireless or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or up-grade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) 246 (pull-down or (pull adj down)) near3 (software or update or up-grade or up-grade or code or application or download or new) NOT ((pull-grade) USPAT; US-PGPUB; EPO; IPO; DERWENT; IBM_TDB (USPAT; USPAT; U	ora ar undata ar un d	_ ,
- 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or upgrade or code or application or download or new) and (wireless or radio or rf) - 9 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) - 45 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or up-date or upgrade or code or application or download or new) and (wireless or upgrade or up-date or upgrade or code or application or download or new) and (wireless or upgrade or up-date or upgrade or code or application or download or new) and (wireless or upgrade or up-date or upgrade or code or application or download or new) and (wireless or upgrade or up-date or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or upgrade or code or application or download or new) and (wireless or upgrade		
- 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or—radio or rf) - 9 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or upgrade or	of fiew) and wheless	
- 220 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless-or—radio or rf) - 9 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) - 45 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) not ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) not ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgra		
- 220 (pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) and (wireless or radio or rf) - 9 (pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) same (wireless or radio or rf) - 246 (pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or ap		- 1
upgrade or code or application or download or new) and (wireless-or—radio or rf) 9 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or downlo	ora or undata or un d	
radio or rf) Provided the provided of the pro		
- 246 (pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) same (wireless or radio or rf) 246 (pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) 25 (pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or	of ficw) and (wireless	
- 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) 25 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade		
9 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) same (wireless or radio or rf) 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) 45 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upg		
upgrade or code or application or download or new) same (wireless or radio or rf) 246 (pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) 45 (pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or user upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrad	(null-down or (null adi down)) near3 (software or undate or un-date or	
radio or rf) EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;		, , , , , , , , , , , , , , , , , , , ,
- 246 (pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) - 45 (pull-down or (pull adj down)) near3 (software or update or update or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgr	or new y same (where	1 ' 1
- 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) - 45 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or up		
- 246 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) - 45 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade or upgrade or code or application or download or new) and (wireless or upgrade o		
upgrade or code or application or download or new) NOT ((pull-down or (pull adj down)) near3 menu) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or US-PGPUB;	are or update or up-da	
or (pull adj down)) near3 menu) EPO; JPO; DERWENT; IBM_TDB USPAT; upgrade or code or application or download or new) and (wireless or US-PGPUB;		
- 45 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or US-PGPUB;	, ((1	
- 45 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or US-PGPUB;		
- 45 (pull-down or (pull adj down)) near3 (software or update or up-date or upgrade or code or application or download or new) and (wireless or US-PGPUB;		
upgrade or code or application or download or new) and (wireless or US-PGPUB;	are or update or up-da	
Tries loss on of on modic and black and NOTE (C. H. L. C. H. P. C. DO.		
wire-less or rf or radio or bluetooth) NOT ((pull-down or (pull adj EPO; JPO;	(pull-down or (pull a	ЕРО; ЈРО;
down)) near3 menu) DERWENT;		
IBM_TDB		I I
	?? or 717/17?)	
US-PGPUB;	,	
EPO; JPO;		
DERWENT;		1
IBM_TDB		
	?? or 717/17?) not(
(pull-down or (pull adj down)) near3 (menu or list)) US-PGPUB;		
EPO; JPO;	• •	
DERWENT;		DERWENT;
IBM_TDB		

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publicati	ions/Services Standards Conferences Careers/Jobs
IEEEX	Welcome United States Patent and Trademark Office
Help FAQ Terms IEEE	Peer Review Quick Links Se
Welcome to IEEE Xplores - Home - What Can I Access? - Log-out Tables of Contents	Your search matched 26 of 1067317 documents. A maximum of 500 results are displayed, 50 to a page, sorted by Relevance Descending order. Refine This Search: You may refine your search by editing the current search expression or enternew one in the text box.
Journals & Magazines Conference	piconet
Proceedings Standards	Check to search within this result set Results Key: JNL = Journal or Magazine CNF = Conference STD = Standard
Search - By Author - Basic - Advanced Member Services - Join IEEE - Establish IEEE	1 Piconet interference modeling and performance evaluation of Bluet MAC protocol de Morais Cordeiro, C.; Sadok, D.; Agrawal, D.P.; Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE, Volume 5, 25-29 Nov. 2001 Pages: 2870 - 2874 vol.5
Web Account	[Abstract] [PDF Full-Text (609 KB)] IEEE CNF
O- Access the IEEE Member Digital Library IEEE Enterprise O- Access the IEEE Enterprise File Cabinet	Piconet: embedded mobile networking Bennett, F.; Clarke, D.; Evans, J.B.; Hopper, A.; Jones, A.; Leask, D.; Personal Communications, IEEE [see also IEEE Wireless Communications], Volume: 4, Issue: 5, Oct. 1997 Pages:8 - 15 [Abstract] [PDF Full-Text (2012 KB)] IEEE JNL
Print Format	3 Considerations on link and system throughput of Bluetooth networl
	Zurbes, S.; Personal, Indoor and Mobile Radio Communications, 2000. PIMRC 2000. The IEEE International Symposium on , Volume: 2 , 18-21 Sept. 2000 Pages:1315 - 1319 vol.2
	[Abstract] [PDF Full-Text (456 KB)] IEEE CNF
	Model and newformance evaluation of a nicenst formation to multipe

4 Model and performance evaluation of a piconet for point-to-multipo communications in Bluetooth

Tae-Jin Lee; Kyunghun Jang; Hyunsook Kang; Jonghun Park; Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS 53rd , Volume: 2 , 6-9 May 2001

Pages:1144 - 1148 vol.2

[Abstract] [PDF Full-Text (404 KB)] **IEEE CNF**

5 Bluetooth: an enabler for personal area networking

Johansson, P.; Kazantzidis, M.; Kapoor, R.; Gerla, M.; Network, IEEE, Volume: 15, Issue: 5, Sept.-Oct. 2001

Pages: 28 - 37

[Abstract] [PDF Full-Text (1400 KB)]

6 Soft deadline bounds for two-way transactions in Buetooth piconets under co-channel interference

El-Hoiydi, A.; Decotignie, J.-D.;

Emerging Technologies and Factory Automation, 2001. Proceedings. 2001 8th International Conference on , 15-18 Oct. 2001

Pages:143 - 150 vol.1

[PDF Full-Text (808 KB)] [Abstract]

7 Interference between Bluetooth networks-upper bound on the pack error rate

El-Hoiydi, A.;

Communications Letters, IEEE, Volume: 5, Issue: 6, June 2001

Pages: 245 - 247

[PDF Full-Text (72 KB)] [Abstract] **IEEE JNL**

8 Modeling and evaluation of Bluetooth MAC protocol

de Morais Cordeiro, C.; Sadok, D.; Agrawal, D.P.;

Computer Communications and Networks, 2001. Proceedings. Tenth Internat Conference on , 15-17 Oct. 2001

Pages:518 - 522

[Abstract] [PDF Full-Text (648 KB)]

9 Performance analysis of the Bluetooth physical layer

Karnik, A.; Kumar, A.;

Personal Wireless Communications, 2000 IEEE International Conference on,

Dec. 2000

Pages:70 - 74

[Abstract] [PDF Full-Text (372 KB)] IEEE CNF

10 A Bluetooth scatternet formation algorithm

Ching Law; Kai-Yeung Siu;

Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE, Volume

5, 25-29 Nov. 2001

Pages: 2864 - 2869 vol. 5

[Abstract] [PDF Full-Text (1012 KB)]

11 Performance aspects of Bluetooth scatternet formation

Miklos, G.; Racz, A.; Turanyi, Z.; Valko, A.; Johansson, P.;

Mobile and Ad Hoc Networking and Computing, 2000. MobiHOC. 2000 First At Workshop on , 11 Aug. 2000

Pages:147 - 148

[Abstract] [PDF Full-Text (160 KB)] IEEE CNF

12 Efficient polling schemes for Bluetooth picocells

Capone, A.; Gerla, M.; Kapoor, R.;

Communications, 2001. ICC 2001. IEEE International Conference on , Volume 7 , 11-14 June 2001

Pages:1990 - 1994 vol.7

[Abstract] [PDF Full-Text (476 KB)] IEEE CNF

Overview of mobile computing technology including 3G and 4G Marihart, D.J.;

Power Engineering Society Summer Meeting, 2001. IEEE , Volume: 2 , 15-19 2001

Pages:1258 vol.2

[Abstract] [PDF Full-Text (77 KB)] IEEE CNF

14 Short range radio based ad-hoc networking: performance and properties

Johansson, P.; Johansson, N.; Korner, U.; Elg, J.; Svennarp, G.; Communications, 1999. ICC '99. 1999 IEEE International Conference on , Vol 3 , 6-10 June 1999

Pages:1414 - 1420 vol.3

[Abstract] [PDF Full-Text (568 KB)] IEEE CNF

15 Analysis of the interference between IEEE 802.11b and Bluetooth systems

Fainberg, M.; Goodman, D.;

Vehicular Technology Conference, 2001. VTC 2001 Fall. IEEE VTS 54th , Volui 2 , 7-11 Oct. 2001

Pages:967 - 971 vol.2

[Abstract] [PDF Full-Text (432 KB)] IEEE CNF

16 WLAN and WPAN coexistence in UL band

Howitt, I.;

Vehicular Technology, IEEE Transactions on , Volume: 50 , Issue: 4 , July 20(Pages:1114 - 1124

[Abstract] [PDF Full-Text (664 KB)] IEEE JNL

17 Bluetooth-ad-hoc networking in an uncoordinated environment Haartsen, J.C.;

Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). ZIEEE International Conference on , Volume: 4 , 7-11 May 2001 Pages: 2029 - 2032 vol.4

[Abstract] [PDF Full-Text (740 KB)] IEEE CNF

18 Enhancing performance of asynchronous data traffic over the Blue wireless ad-hoc network

Das, A.; Ghose, A.; Razdan, A.; Saran, H.; Shorey, R.; INFOCOM 2001. Twentieth Annual Joint Conference of the IEEE Computer and Communications Societies. Proceedings. IEEE, Volume: 1, 22-26 April 2001 Pages: 591 - 600 vol.1

[Abstract] [PDF Full-Text (232 KB)] IEEE CNF

19 Performance of the Bluetooth system in fading dispersive channels interference

Soltanian, A.; Van Dyck, R.E.;

Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE , Volume 6 , 25-29 Nov. 2001

Pages:3499 - 3503 vol.6

[Abstract] [PDF Full-Text (135 KB)] IEEE CNF

20 Interference aware Bluetooth packet scheduling

Golmie, N.; Chevrollier, N.; ElBakkouri, I.;

Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE , Volum ϵ 5 , 25-29 Nov. 2001

Pages: 2857 - 2863 vol. 5

[Abstract] [PDF Full-Text (158 KB)] IEEE CNF

21 Reducing the cost of Bluetooth systems

Phillips, M.;

Electronics & Communication Engineering Journal , Volume: 13 , Issue: 5 , Oc 2001

Pages: 204 - 208

[Abstract] [PDF Full-Text (955 KB)] IEE JNL

22 Bluetooth wireless technology in the home

Shepherd, R.;

Electronics & Communication Engineering Journal , Volume: 13 , Issue: 5 , Ot 2001

Pages:195 - 203

[Abstract] [PDF Full-Text (2027 KB)] IEE JNL

23 Performance analysis of Bluetooth systems in the presence of AWC fading, multipaths, and inband interference

Koomullil, G.;

Consumer Electronics, 2000. ICCE. 2000 Digest of Technical Papers. Internati Conference on , 13-15 June 2000

Pages: 294 - 295

[Abstract] [PDF Full-Text (128 KB)] IEEE CNF

24 Decision feedback equalization for Bluetooth systems

Nafie, M.; Gatherer, A.; Dabak, A.;

Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2 IEEE International Conference on , Volume: 2 , 7-11 May 2001 Pages: 909 - 912 vol.2

[Abstract] [PDF Full-Text (324 KB)] IEEE CNF

25 Introduction to 3G/4G wireless network architectures

Khan, J.;

Circuits and Systems, 2001. Tutorial Guide: ISCAS 2001. The IEEE Internatio Symposium on , 6-9 May 2001 Pages:7.1.1 - 7.1.13

[Abstract] [PDF Full-Text (800 KB)] IEEE CNF

26 Adaptive scatternet support for Bluetooth using sniff mode

Baatz, S.; Frank, M.; Kuhl, C.; Martini, P.; Scholz, C.; Local Computer Networks, 2001. Proceedings. LCN 2001. 26th Annual IEEE Conference on , 14-16 Nov. 2001 Pages:112 - 120

[Abstract] [PDF Full-Text (870 KB)] IEEE CNF

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online
Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved